



SEQUENCE LISTING

<110> SHAO, Wei et al.

<120> ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
THEREOF

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<141> 2004-01-21

<150> 09/820,790

<151> 2001-03-30

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<170> FastSEQ for Windows Version 4.0

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<212> DNA

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tgcatgtggc ccagaagcca agggggctcc ccagcaccca cgggcatctc tgggtctggg 420
cagaggagaa atctggatgc ttgcaggagc cccagggtca tggaggaggc tggagacagg 480
gctgtcctgg ggtgatggga tggccccccc acctgctcag agccagcctg ggtgctggaa 540
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g 601

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<210> 14
 <211> 601
 <212> DNA
 <213> Homo sapiens

<400> 14
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<210> 15
 <211> 601
 <212> DNA
 <213> Homo sapiens

<400> 15
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 tgggtctccgc ttctcctct tctcactttc cctctctttc cttcctctgt gtcttctctc 240
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 caggcgccgc cctggagggtg cttggcacag ttgcgccgg tccccatgtg gccgacactc 540
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 g 601

<210> 16
 <211> 601
 <212> DNA
 <213> Homo sapiens

<400> 16
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 gcatgtcccc tgagccctg gcctttaagc cccgtggaag cagccgaggc agagatcagc 300
 ytcagagcct gggctgggtc tgacacaggc ccagccctgt ccacctgccc tcagccacgt 360
 cccacctatc cttggccgca tctgacctcg ctgcctcccc tgtttcctca ggagtcttct 420
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 c 601

<210> 17
 <211> 601

<212> DNA
 <213> Homo sapiens

<400> 17

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ttgaggcagg ctctgattca gggcctgac ccagggccca aggggtctag aacacgggac 480
ccctcccact ggctcctcc gccttgccgc cgctcgtgt gtctgtctgc ctcatgttca 540
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g 601
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<210> 18
 <211> 601
 <212> DNA
 <213> Homo sapiens

<400> 18

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tataggaaga gcgtccgaaa gagcagggtt gttgccgacc ccagcattcg caaccctgag 540
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g 601
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<210> 19
 <211> 601
 <212> DNA
 <213> Homo sapiens

<400> 19

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aagtacttga gggacagggt gggctctgctt gccaccgtcc cctctgcagg ctgggcctgg 180
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tggggagggg ccgccgtgca gctggggtgg gtgcaccgca gagcctctgg gagtggtcag 540
aacccccgac acctgccact tctacagcag ctcatctgat ttttaaggggc ttgctgccct 600
t 601
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<210> 20
 <211> 601
 <212> DNA
 <213> Homo sapiens

<400> 20
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acttcattaa acagaagatt agtttcactt accattagtgt taagggtgact atagaacca 180
agcagactgg aaaccaaagt acataatgtc attctcttct ccattccagc tgcctgctgc 240
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rggttaacta agtgacagga ggtgtttggg acatgtggac accagacttc tctcttgatg 360
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gaaagtggag gcatgaggca ggggagaggc aggtgccagg cagagggtgg agaggaggca 540
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c 601

<210> 21
<211> 601
<212> DNA
<213> Homo sapiens

<400> 21
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gagggtcaca gagcgagtg ctgggagtg agagacttcc cccacaggga gagttcccag 540
gaacctgctt ccggtgcact tctgggggtt tgagtttttt ccacggacga attactttga 600
g 601

<210> 22
<211> 601
<212> DNA
<213> Homo sapiens

<400> 22
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ggaggctgag gcaggagaat cgcttgaacc tgggagtcag agactgcagt gagccgagat 180
catgtcactg cactccagcc cgggtgacag agtgagactc catctaaaaa aaaaaaagaa 240
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g 601

<210> 23
<211> 601
<212> DNA
<213> Homo sapiens

<400> 23
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aggaagcact aagaacccaa ggctcgggag gagagtgggg ccggaagct gcaggaagc 180
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gatgcagctc gcgctcccc aggccctccc ctgggctgtg tggaggggtc cggggggaat 540
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t
601

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<210> 24
 <211> 601
 <212> DNA
 <213> Homo sapiens

<220>
 <221> variation
 <222> (301)...(301)
 <223> 'G' may be either present or absent (single
 nucleotide insertion/deletion polymorphism)

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<400> 24
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cccaggccct cccctgggct gtgtggaggg gtccgggggg aatgggccag cggccagtgg 180
tcacctggcc atgtctcccc acagcccga agcaggagat cattaagacc acggagcagc 240
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gggggctgtg caggacaagg atgtgggacc cttggggggg cctgctcaga gtcaggggtc 360
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tcgtttgagc ctgaagcact gggcaacctg gttgaaggga tggacttcca cagattctac 480
ttcagaagc gtgagtggg aagcccgggt gggcatgagg gggcgggtgc cccaggagag 540
cctctcggcc cctcccagg acagcatggt ggctgcctat ggaagccctg tcccctctgt 600
g
601

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<210> 25
 <211> 415
 <212> DNA
 <213> Homo sapiens

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<400> 25
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caggagagcc gagcctcccc aataaggga gttgagagag ggaaaggatt aggtggtgg 120
ggtggaagac gggcaccagg gcagtcattg taaccgaga ccccgcccc gctgctgtc 180
cacagtgtg gccagaaca gcaagccrat ccacacgacc atcctgaacc cacacgtgca 240
cgtcattgga gaggatgccg cctgcatcgc ttacatccgg ctacgcagt acattgacgg 300
gcaggggcgg ccccgaccca gccagtctga ggagaccgc gtgtggcacc gccgcgacgg 360
caagtggcag aacgtgcact tccactgtc gggcgcgcc gtggccccgc tgcag 415

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<210> 26
 <211> 601
 <212> DNA
 <213> Homo sapiens

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<400> 26
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gcaccagggc agtcatggta acccgagacc cccgccccgc ctgctgtcca cagtgtggc 120
caagaacagc aagccgatcc acacgaccat cctgaaccca cacgtgcacg tcattggaga 180

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ggatgccgcc	tgcacgctt	acatccggct	cacgcagtac	attgacgggc	agggccggcc	240
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ygtgcacttc	cactgctcgg	gcgcgcctgt	ggccccgcctg	cagtgaagggt	gagtgttctg	360
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gcgatgggga	gcggtggggc	ctgtggcaga	gccccatgcct	gggaagtccc	tgagctttcc	480
tggtgaggcc	acaggaatga	tgtcaaatta	gggaccacgg	caggctgggt	gtggcaggcc	540
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g						601

<210> 27
 <211> 601
 <212> DNA
 <213> Homo sapiens

<400> 27						
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gcgggcctcg	ctcaagtccc	tgagccccca	gctgaagctg	ggaggggagg	ccaggctttg	240
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a						601

<210> 28
 <211> 601
 <212> DNA
 <213> Homo sapiens

<400> 28						
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gcaactgcac	ctgcctgtgc	tatgctggcc	cttctcagcc	tcaatgccct	cctccctccc	180
cgacgcaccc	tcgtggcccc	cgctggggcc	cctgatgcac	cctcatgtct	ccatggcaac	240
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cattttgggt	ccaagtaact	tctgacaaga	cgagtgcctc	tacacaccct	cagtcctatc	420
cactatgggc	aaggagcctg	aaggatcccc	cagaactggc	taaagccctc	agtcctctcc	480
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c						601

<210> 29
 <211> 601
 <212> DNA
 <213> Homo sapiens

<400> 29						
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ctaaacacac	ctgcattttg	ggtccaagta	acttctgaca	agacgagtgc	ccctacacac	300
yctcagtcct	atccactatg	ggcaaggagc	ctgaaggatc	ccccagaact	ggctaaagcc	360

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caggtcccaa gagecaggtg caaagaatct aggccagtgc ccacgagtgc tgcagtgtct 540
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c 601

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<210> 30

<211> 403

<212> DNA

<213> Homo sapiens

<400> 30

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ggctgcaggc actgcggatc gtgcgccctc acatgcatta ttcctgaggc ctttctgcag 180
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cctgtactgg gccaagcgct acaggcaaaa aggacaccac cgacgggcat ttcattcatc 300
rcttttattt ttatatattt ttgagaggga gcctcactct gtcgcccagg ctggagtgca 360
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